


Personal Information

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Nationality: Spanish	

Studies

Title of degree	Study Period	Location
Master on Computer Security	2013-2015	International University of La Rioja (UNIR)
Telecommunications Engineering Bachelor	2010-2013	E.T.S.I.T University of Valladolid
Technical Engineering in Telecommunications (Speciality: Telematics)	2007-2010	E.T.S.I.T University of Valladolid

Diploma Thesis

Company	Title	Abstract
International University of La Rioja (UNIR)	Provisional. "Security audit for iBeacons devices"	<i>iBeacon</i> is the trademark for and indoor proximity system developed by Apple. The technology used to communicate with other devices is Bluetooth Low Energy (<i>BLE</i>). This study aims to analyse the different aspects of security and privacy related to <i>iBeacons</i> .
E.T.S.I.T University of Valladolid	"Aula Mercedes-Benz: Development of CAN and MOST simulations in environments from the perspective of a device manufacturer and/or carmaker"	This Diploma Thesis accomplishes the extension of the current hands-on laboratory Aula Mercedes-Benz at the University of Valladolid. The scope of it was the development of several <i>CAN/MOST</i> simulations, following similar techniques and using the same equipment as carmakers do. For this purpose, new devices such as <i>CANister</i> , <i>Blue Pirat</i> , <i>MOST VN2610</i> and diagnostic tools were discussed.
E.T.S.I.T University of Valladolid	"Audit and implementation of a system for intruder detection in the E.T.S.I.T network"	Implementation of an intruder detection system in the E.T.S.I.T school LAN's network. The software, which was chosen in this implementation, was <i>Snort</i> , one of the most famous and powerful IDS that can be found in the market.

Professional Experience

Company/ University	Location	Period	Description
GMV	Valladolid	2014-Actually	Engineer in the Public Transport Technology Division
GenSys Telecom	Valladolid	2007-Actually	Entrepreneur: development of SW/HW for the IT sector
Colegio San José	Valladolid	2005-2014	Networks and Computer Systems Administrator
Seiven Informática	Valladolid	2009-2011	Design of networks, installation of servers, developments.

Languages

Language	Understanding	Speaking	Reading	Writing	Certificates
Spanish	Mother tongue	Mother tongue	Mother tongue	Mother tongue	
English	High	Medium	High	High	

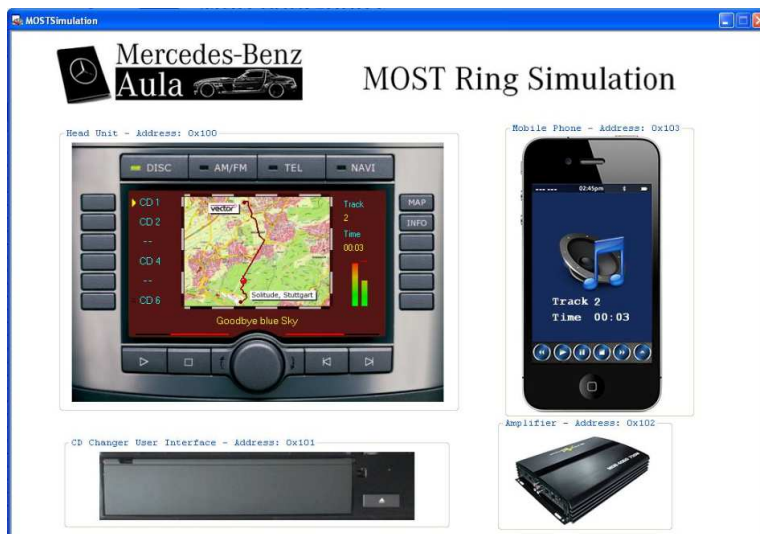
Extra-Curricular Activities

Date	Activitiy	Location
2014	CyberSecurity Specialization	University of Maryland, EEUU (Coursera)
2013	Aula Mercedes Benz – Vehicle Telematics	Valladolid, Spain
2010	First place in Engineering BEST-GMV Competition of Spain	Madrid, Spain
2010	Fifth place in Engineering BEST-GMV Competition of Europe	Cluj-Napoca, Romania

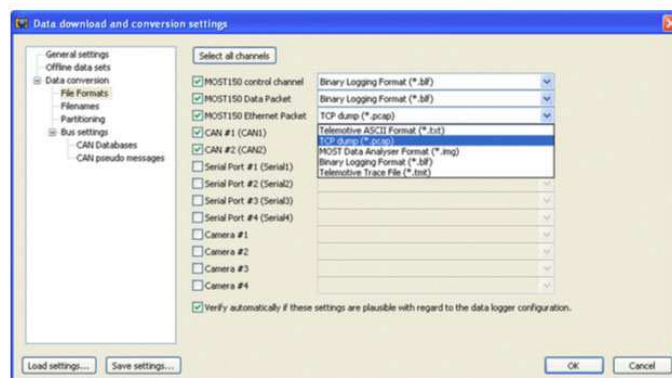
CANister



CANoe/CAPL Simulation Panel which interacts with a breathalyser on an external CANister device

MOST VN2610

Simulation Panel developed in CAPL for using with a MOST VN2610 inserted on a fiber ring

Blue PiraT

Blue PiraT for capturing data from CAN/MOST/RS32

Diagnostic Tools

Break Out Box to check/test the Data Trouble Codes of the ECU periphery